

# Chat-Bubble Documentation

aava-chat-bubble renders conversational messages with support for user/AI alignment, avatars, timestamps, and optional action icons per message (copy, like/dislike, speak, reply).

## Usage

```
<aava-chat-bubble [messages]="messages"></aava-chat-bubble>
```

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```
messages: Message[] = [
  {
    sender: 'user',
    senderName: 'Matthew Anderson',
    time: '05:00 pm',
    text: "Hey there! I'm new here and I'm really interested in the concept of tokenized real estate",
    avatar: 'assets/1.svg',
    icons: [],
  },
  {
    sender: 'ai',
    senderName: 'Matthew Anderson',
    time: '05:01 pm',
    text: 'Hey Matthew, welcome! Tokenized real estate is a way to represent ownership in real estate',
    avatar: 'assets/1.svg',
    icons: [
      { name: 'thumbs-up', label: 'Like' },
      { name: 'thumbs-down', label: 'Dislike' },
    ],
  },
];
```

## API

### Inputs

Name	Type	Default	Description
messages	Array<{ sender: 'user'   'ai'; senderName: string; time: string; text: string; avatar: string; icons: { name: string; label: string }[] }>	[]	Message array to render. Sender controls alignment and bubble styling.
customStyles	Record	{}	Optional custom styles to apply to the chat bubble component dynamically.

## Methods

- `copyMessage(text: string)` : Copies message text to clipboard.
- `reactToMessage(reaction: 'like' | 'dislike')` : Hook to handle reactions.
- `replyToMessage()` : Hook to trigger reply flow.
- `speakMessage(text: string)` : Uses Speech Synthesis to read message aloud.

## CSS Variables

Chat Bubble uses CSS variables for theming:

Variable	Description
<code>--chat-bubble-user-background-color</code>	Background color for user messages.
<code>--chat-bubble-user-text-color</code>	Text color for user messages.
<code>--chat-bubble-ai-background-color</code>	Background color for AI messages.
<code>--chat-bubble-ai-text-color</code>	Text color for AI messages.
<code>--chat-bubble-font-family</code>	Font family used in chat bubbles.
<code>--chat-bubble-text</code>	Primary text color used in chat bubbles.
<code>--chat-bubble-line</code>	Line color used for separators or borders.
<code>--chat-bubble-font-weight</code>	Font weight used in chat bubbles.
<code>--chat-bubble-font-size-md</code>	Medium font size used in chat bubbles.
<code>--chat-bubble-font-size-sm</code>	Small font size used in chat bubbles.
<code>--chat-bubble-font-size-xs</code>	Extra small font size used in chat bubbles.

## Accessibility

- Keyboard focusable action icons.
- Announce message content to assistive tech using readable DOM text.
- Optional speech synthesis via `speakMessage` .

## Best Practices

- Keep messages concise and scannable.
- Include timestamps and sender names when useful.
- Prefer semantic colors via tokens for light/dark themes.

## Related

- Avatar
- Icon
- Prompt Bar